

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
AND
U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

NEBR. DEPT. OF AGR. & INSPECTION
DIVISION OF AGR'L STATISTICS
AND
AGRICULTURAL EXTENSION SERVICE
OF NEBR. COLLEGE OF AGR.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

RELEASED 9/13/49 - 11:00 A.M.

WEEK ENDING 9/12/49

WEATHER THE WEEK WAS COOL AND CLOUDY. RAINFALL VARIED FROM LIGHT TO MODERATE IN THE WEST TO HEAVY TO EXCESSIVE IN THE SOUTHEAST, BUT THE HEAVY RAINS MOSTLY FELL SLOWLY ENOUGH TO BE ABSORBED BY THE SOIL.

CROPS THE OFFICIAL SEPTEMBER 1 ESTIMATE OF 35 BUSHEL OF CORN PER ACRE AS COMPARED WITH THE AVERAGE YIELD OF 36 BUSHEL PER ACRE LAST YEAR IS BASED ON THE OUTLOOK AS OF SEPTEMBER 1, AND ON THE ASSUMPTION THAT THE CROP WOULD MATURE BEFORE FROST. THE MOISTURE REQUIREMENTS WERE MET PRIOR TO SEPTEMBER 1. THE COOL WET WEATHER AND LACK OF SUNSHINE AND WIND SINCE SEPTEMBER 1 SLOWED DOWN THE PROGRESS OF CORN TOWARD MATURITY. A CONSIDERABLE PERCENTAGE OF THE CORN IS LATE AND WOULD REQUIRE TWO WEEKS OF NORMAL WEATHER TO BE SAFE FROM DAMAGE FROM FROST. IT IS DOUBTFUL IF THE FROST LAST NIGHT, SEPTEMBER 12, DID ANY MATERIAL DAMAGE TO CORN. PART OF THE CROP WOULD WITHSTAND FROST NOW, PARTICULARLY IN THE NORTHEASTERN QUARTER WHERE THE CROP WAS PLANTED EARLIER AND HAS MADE GREATER PROGRESS TOWARD MATURITY.

AN INCREASE OF ONE BUSHEL PER ACRE OF OATS AND ONE- HALF BUSHEL OF BARLEY IS SHOWN BY THE SEPTEMBER 1 REPORT. SPRING WHEAT REMAINED THE SAME AT 11.5 BUSHEL. SEPTEMBER 1 ESTIMATES OF WINTER WHEAT AND RYE ARE NOT MADE, AND THE AVERAGE YIELD REMAINS 14 BUSHEL AND 8 BUSHEL RESPECTIVELY. ALL SMALL GRAIN YIELDS ARE CONSIDERABLY BELOW LAST YEAR'S YIELDS.

THE WILD HAY HARVEST IS PRACTICALLY COMPLETED BUT THE RETURNS SHOW A SLIGHTLY LOWER YIELD THAN INDICATED EARLIER. THE HEAVY RAINS HAVE IMPROVED THE OUTLOOK FOR ALFALFA AND PASTURE. SEEDING OF ALFALFA AND GRASSES IS ONLY SLIGHTLY BEHIND SEEDING ON THE SAME DATE A YEAR AGO. THE SLIGHT DELAY IS DUE TO CONTINUED RAINS. THE SOIL IS IN SPLENDID SHAPE FOR SEEDING AFTER THE SURFACE DRIES SUFFICIENTLY. SOME VERY GOOD ALFALFA YIELDS HAVE BEEN REPORTED. KNOX COUNTY REPORTS AN AVERAGE YIELD OF 4 TO 4.5 BUSHEL OF ALFALFA SEED PER ACRE FROM A 1,000 ACRES THAT HAD BEEN SPRAYED MAINLY FOR THE LYGUS BUG. THE TOP YIELD REPORTED WAS SIX BUSHEL PER ACRE.

AS IN THE CASE OF CORN, RAINS IN THE PANHANDLE HAVE KEPT POTATOES GROWING AND SLOWED MATURITY. THE CROP NEEDS ONE TO TWO WEEKS OF DRY WARM WEATHER TO MATURE. NO SERIOUS DAMAGE TO POTATOES IS EXPECTED FROM MONDAY NIGHT'S FROST IN THE PANHANDLE. HARVEST OF THE EARLY CROP IS PRACTICALLY COMPLETED. SHIPMENTS HAVE TOTALED 1,044 CARS TO SEPTEMBER 8 AS COMPARED TO 1,840 CARS OF THE SAME DATE LAST YEAR. SOME DAMAGE TO LATE BEANS IS LIKELY FROM THE FROST LAST NIGHT BUT GENERALLY THE CROP WAS ABOUT MATURE. THE OUTLOOK FOR SUGAR BEETS REMAINS VERY GOOD. SORGHUM CROPS NEED ABOUT TWO WEEKS OF WARM DRY WEATHER BEFORE FROST.

RETURNS INDICATE THAT ABOUT 19 PER CENT OF THE WHEAT HAS BEEN SEEDED AS COMPARED WITH 23 PER CENT ON THE SAME DATE A YEAR AGO. ABOUT 41 PER CENT HAS BEEN SEEDED IN THE PANHANDLE AS COMPARED WITH 56 PER CENT ON THE SAME DATE A YEAR AGO. THERE HAS BEEN SOME DELAY DUE TO HESSIAN FLY. ABOUT 20 PER CENT OF THE SEEDING HAS BEEN COMPLETED IN THE SOUTHWESTERN PART OF NEBRASKA, BUT ELSEWHERE VERY LITTLE HAS BEEN SEEDED AND PRACTICALLY NONE IN EASTERN NEBRASKA. SEED BEDS ARE IN MOST EXCELLENT SHAPE DUE TO THE HEAVY RAINFALL. WITH 39 PER CENT OF THE RYE SEEDED, PLANTING IS A LITTLE LATER THAN IT WAS A YEAR AGO.

LIVESTOCK CATTLE IN THE SANDHILLS HAVE CONTINUED TO SELL WELL WITH CONSIDERABLE OUT-MOVEMENT TO DATE. GREATEST DEMAND HAS BEEN FOR YEARLING STEERS AND CALVES WHICH HAVE INCREASED IN PRICE. IMMEDIATE DELIVERY IS DESIRED FROM THE OLDER CATTLE, BUT MOSTLY THE YEARLINGS ARE BEING CONTRACTED FOR OCTOBER DELIVERY. DEMAND FOR FEEDER CATTLE AT THE MARKET IS PICKING UP.

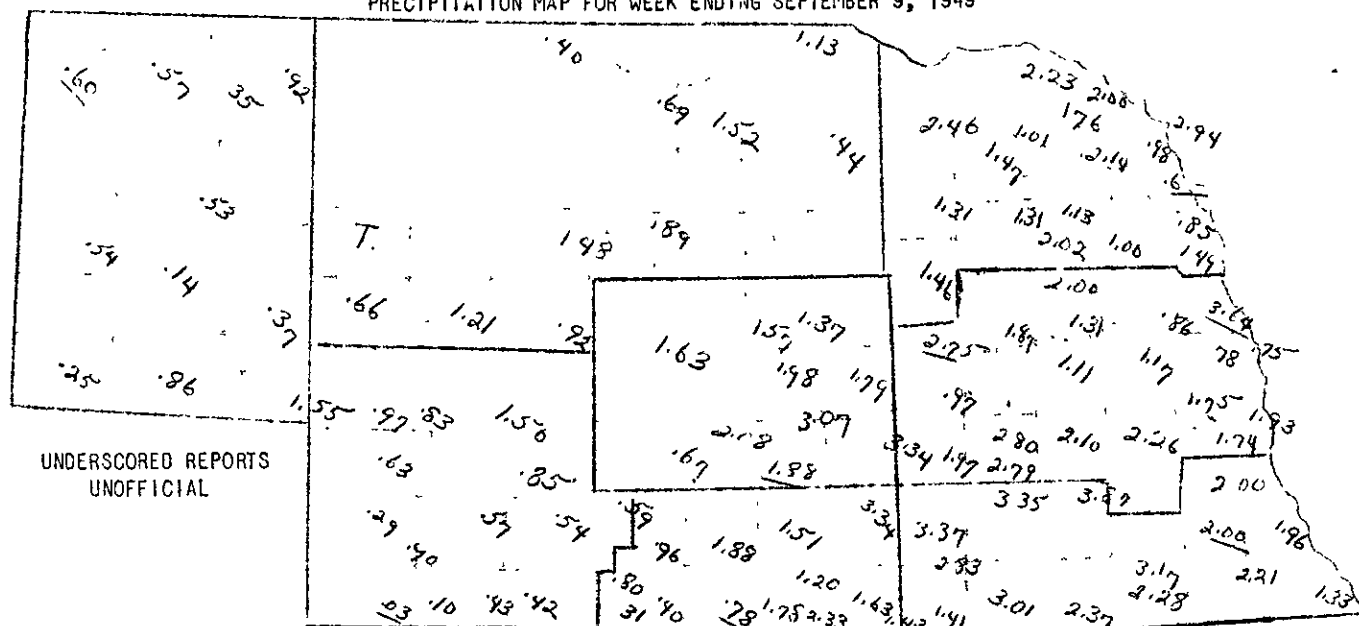
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING SEPTEMBER 12, 1949

EASTERN DIVISION		EASTERN DIV., CONT.		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	1.46	HASTINGS	2.63	BROKEN BOW	1.04	ALLIANCE	.74
AUBURN	3.32	LINCOLN	3.99	BURWELL	.10	CHADRON	1.10
BEATRICE	3.28	NORFOLK	1.63	CAMBRIDGE	.28	CULBERTSON	.36
COLUMBUS	2.79	OAKDALE	.75	HOLDEGE	.81	HAYES CENTER	.64
FAIRBURY	4.97	OMAHA	2.90	NORTH LOUP	1.21	KIMBALL	.13
FAIRMONT	2.70	RED CLOUD	.46	NORTH PLATTE	1.06	SCOTTSBLUFF	.51
FALLS CITY	1.45	ST. PAUL	2.29	O'NEILL	1.55	SIDNEY	.69
FREMONT	.79	TEKAMAH	4.11	RAVENNA	2.94		
GRAND ISLAND	2.90	WAKEFIELD	2.35	VALENTINE	.70		
HARTINGTON	.22	YORK	3.31				
AVERAGE THIS WEEK			2.42		1.08		.59
TOTAL SINCE APRIL 1			22.40		16.92		13.74
NORMAL SINCE APRIL 1			18.89		16.12		12.95

DUE TO LATE REPORTS RECEIVED AFTER LAST WEEK'S REPORT WAS PUBLISHED, COLUMBUS .82 AND OAKDALE 1.39, THE AVERAGE FOR THE WEEK FOR THE EASTERN DIVISION SHOULD HAVE BEEN 0.85 AND THE TOTAL SINCE APRIL 1st SHOULD HAVE BEEN 19.98

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

PRECIPITATION MAP FOR WEEK ENDING SEPTEMBER 9, 1949



HIGHEST AND LOWEST TEMPERATURES (FOR 24 HRS. ENDING 6:30 A.M.)

		SEPTEMBER															
		6TH		7TH		8TH		9TH		10TH		11TH		12TH			
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN		
NW	CHADRON	81	54	74	50	58	52	73	54	81	60	84	48	69	37		
	SCOTTSBLUFF	70	52	76	52	58	53	69	56	78	60	81	50	80	41		
	SIDNEY	68	51	75	51	58	52	59	52	72	57	82	52	78	46		
N-C	BURWELL	--	--	74	52	63	54	68	49	70	57	67	58	74	52		
	VALENTINE	76	58	77	48	61	53	63	52	69	63	72	52	71	43		
NE	NORFOLK	72	58	66	55	65	54	71	46	--	--	64	61	80	57		
	SIOUX CITY	76	58	65	56	67	48	75	46	78	54	62	58	81	61		
CEN.	GRAND ISLAND	70	59	69	58	62	53	68	49	73	58	68	62	84	59		
E-C	LINCOLN	71	59	67	62	64	54	71	48	74	57	65	62	77	65		
	OMAHA	76	58	67	62	67	51	73	50	76	58	63	61	75	65		
SW	HAYES CENTER	64	57	76	56	62	51	57	50	61	55	82	55	83	57		
	NORTH PLATTE	64	54	79	53	60	53	57	53	63	58	76	57	82	53		

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U. S. DEPARTMENT OF AGRICULTURE
203 P. O. BLDG., BOX 1911
LINCOLN 1, NEBRASKA

OFFICIAL BUSINESS
FORM BAE A2-9-49-972
PERMIT NO. 1001

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE \$300